

Patent Claims:

1. A motor-pump unit for a motor vehicle brake system, comprising a motor (4) and a pump (3) which is provided with a shaft (5) that is driven by said motor (4), with the shaft end (15) being rotatably mounted by means of at least one bearing (8) in an accommodating member (2) having valves and connecting channels, said shaft (3) driving displacement means which are disposed at least in part in a chamber (11) that can be filled with pressure fluid and in which the bearing (8) runs at least in part, and with the shaft end (15) terminating into a free space (16),  
characterized in that the bearing (8) separates the chamber (11) from the free space (16), and in that a connection (19) is provided between the chamber (11) and the free space (16).
2. Motor-pump unit as claimed in claim 1,  
characterized in that the free space (16) and the chamber (11) are destined to receive pressure fluid, in particular to receive leakage pressure fluid.
3. Motor-pump unit as claimed in claim 1,  
characterized in that a channel (13) is provided between a pressure fluid supply tank and the chamber (11) so that the free space (16) can be connected to the pressure fluid supply tank especially for filling purposes.

4. Motor-pump unit as claimed in claim 1,  
characterized in that the bearing (8) is  
configured as a movable bearing, and in that the  
connection (19) between free space (16) and chamber (11)  
takes place by way of a slot between an inner bearing ring  
and a bearing seat (18).
5. Motor-pump unit as claimed in any one of claims 1 to 3,  
characterized in that the connection (19) is  
designed as a channel (20), and in that the channel's wall  
consists of circumferential areas of inner ring and  
bearing seat (18).
6. Motor-pump unit as claimed in claim 5,  
characterized in that the bearing seat (18)  
has at least one flattened region (21) for forming the  
channel (20).
7. Motor-pump unit as claimed in any one of the preceding  
claims,  
characterized in that the shaft (5) includes  
an eccentric for driving at least one pump piston (9, 10),  
and in that the maximum of the eccentricity and the  
connection (19) are arranged substantially in alignment  
with each other with regard to an axial direction.
8. Motor-pump unit as claimed in any one of the preceding  
claims,  
characterized in that the bearing (8) is  
arranged in a stepped through-hole (6) of the  
accommodating member (2), in that the bearing (8) adjoins  
the free space (11) indirectly or directly, and in that

the through-hole (6) is provided with a closure means (22).

9. Motor-pump unit as claimed in claim 8,  
characterized in that the closure means (22)  
is designed as a cover that abuts on a bore step (23), and  
in that the cover is calked with the accommodating member  
(2).
10. A motor-pump unit for a motor vehicle brake system,  
comprising a motor (4) and a pump (3) which is provided  
with a shaft (5) that is driven by said motor (4), with  
the shaft end (15) being rotatably mounted by means of at  
least one bearing (7) in an accommodating member (2)  
having valves and connecting channels, said shaft (5)  
driving displacement means reaching into a crank chamber  
(11), and said bearing (7) is provided in front of an end  
plate (30) of the motor (4) between the crank chamber (11)  
and the end plate (30),  
characterized in that at least one channel  
(13) linking a side of the bearing (7) remote from the  
crank chamber to a leakage discharge channel (32) for the  
crank chamber (11).
11. Motor-pump unit as claimed in claim 10,  
characterized in that the channel (13) is  
provided in the end plate (30).
12. Motor-pump unit as claimed in claim 10,  
characterized in that the channel (13) is  
provided in the accommodating member (2).

13. Motor-pump unit as claimed in claim 10,  
characterized in that the channel (13) opens  
into a chamber that is delimited by the end plate (30) and  
the accommodating member (2), and in that the chamber is  
connected to the leakage discharge channel (32).